



ALAMO
COLLEGES

PALO ALTO COLLEGE

Program Assessment Report

Program/Award: Manufacturing Management Level I AAS Certificate
Academic Year Assessed: 2012-2013
Program Lead Faculty: Ronnie Brannon
Department Chair: James Shelman

Program Learning Outcome #1	Logistics Management: Manufacturing Management Level I AAS Certificate Student Learning Outcome Describe the automation of the manufacturing and operations system.
Courses in the degree plan that address this outcome	BMGT 1331
Assessment Method	Assessment Measure for this Outcome Students are given questions during examinations in the form of discussion questions and case studies that make the student think and have to demonstrate and understanding of the automation of the manufacturing operation.
Targets for Achievement	Achievement Target for this Measure 70% of assessed students make a "C" or better on the BMGT 1331 Production & Operations Management final exam case study.
Results	Findings: 81% of students assessed in Fall 2011 made a "C" or better on the BMGT 1331 Production & Operations Management final exam case study. 2012-13: 100% of students assessed in Fall 2012 made a "C" or better
Target Met or Not Met	Met
New action plan for improvement of student learning	Develop or identify key assignment to address Critical Thinking and Communication skills in BMGT 1331
Evaluation of previous cycle's action plans	Working more case studies with math problems will better enable students to have greater success on the final exam. Also ensuring that students have the appropriate level of math before they take the course is important as well.
Program Learning Outcome #2	Logistics Management: Manufacturing Management Level I AAS Certificate Student Learning Outcome Describe the operations and production management as it relates to quality.
Courses in the degree plan that address this outcome	BMGT 2331



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Assessment Method	Students are given questions during final examinations on the case study that make the student think and have to demonstrate an understanding of quality in operations and production management.
Targets for Achievement	70% of assessed student make a "C" or better on the case study BMGT 2331 Total Quality Management final.
Results	Findings 82% of the students assessed in Spring 2012 made a "C" or better on the case study administered during the final exam. 2012-13: 94% of students assessed in Spring 2013 made a "C" or better on the case study
Target Met or Not Met	Met
New action plan for improvement of student learning	Develop or identify key assignment to address Critical Thinking and Communication skills in BMGT 2331
Evaluation of previous cycle's action plans	Instructors are staying current in the operations and quality area. No instructors who are Project Management Certified have been identified at this time. As more students work case studies in lower level class, this percentage should increase.
Program Learning Outcome #3	Logistics Management: Manufacturing Management Level I AAS Certificate Student Learning Outcome Describe supervision and purchasing in the manufacturing operation.
Courses in the degree plan that address this outcome	BMGT 1313
Assessment Method	Students are given questions during the final examinations in the form of discussion questions and case studies that make the student think and have to demonstrate and understanding of purchasing and supervision in manufacturing.
Targets for Achievement	70 % of assessed student make a "C" or better on the BMGT 1313 Principles of Purchasing final exam case study.
Results	Findings 92% of assessed students in Spring 2012 made a "B" or better on the BMGT 1313 Principles of Purchasing final exam case study.



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	2012-13: 80% of assessed students in Spring 2013 made a "A" or better
Target Met or Not Met	Met
New action plan for improvement of student learning	Develop or identify key assignment to address Critical Thinking and Communication skills in BMGT 1313
Evaluation of previous cycle's action plans	Increase the complexity of the case studies in assignments and required readings. This additional rigor will assist in their overall performance on final exams.